


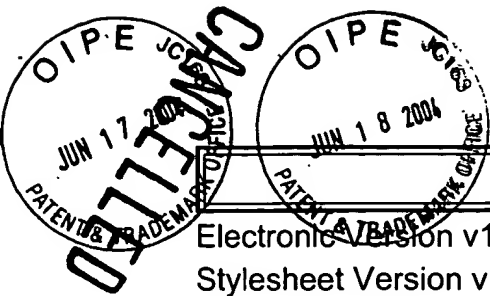


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Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only


EFS ID: 62849
Application ID: 09540828 
Title of Invention: DATA STORAGE SYSYEM HAVING
SEPARATE DATA TRNSFER
SECTION AND MESSAGE
NETWORK
First Named Inventor: Yuval Offek
Domestic/Foreign Application: Domestic Application
Filing Date: 2002-03-31
Effective Receipt Date: 2004-06-18
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 2351
Attorney Docket Number: EMC2-042PUS
Total Fees Authorized: 180.0
Payment Category: Deposit Account
Deposit Account Number: 50889
Deposit Account Name: Richard M Sharkanskt
Access Code: ****
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2004-06-18
RAM Sequence Number: 22

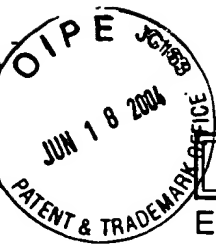
Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 14a0ec3d7327ff8fa8e5239c4c622a9af6121316



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	DATA STORAGE SYSYEM HAVING SEPARATE DATA TRNSFER SECTION AND MESSAGE NETWORK															
Application Number: 09/540828 																
Date: 2002-03-31																
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<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Richard M Sharkansky Registered Number: 25800</td><td>/rms/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Richard M Sharkansky Registered Number: 25800	/rms/	Attorney								
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Richard M Sharkansky Registered Number: 25800	/rms/	Attorney														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>EMC2-042PUS.1-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>EMC2-042PUS.1-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-fee-sheet	EMC2-042PUS.1-usfees.xml		us-fee-sheet.xsl		us-fee-sheet.dtd	us-ids	EMC2-042PUS.1-usidst.xml		us-ids.dtd		us-ids.xsl
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	us-ids.dtd															
	us-ids.xsl															
Comments																



FEE TRANSMITTAL

Electronic Version v08

Stylesheet Version v08.0


Title of Invention	DATA STORAGE SYSYEM HAVING SEPARATE DATA TRNSFER SECTION AND MESSAGE NETWORK										
Application Number: 09/540828 											
Date: 2002-03-31											
First Named Applicant: Yuval Offek											
Attorney Docket Number: EMC2-042PUS											
Art Unit: 2182											
Examiner: Mike Nguyen											
TOTAL FEE AUTHORIZED \$180											
Patent fees are subject to annual revisions on or about October 1st of each year.											
BASIC FILING FEE											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
AUTHORIZED BILLING INFORMATION											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 050889											
Access Code *****											
Deposit name: EMC Corporation											
Deposit authorized name: Richard M Sharkanskt											
Signature: /rms/											
Date (YYYYMMDD): 2004-06-18											



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSYEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK																				
<p>Application Number: 09/540828 </p> <p>Confirmation Number: 2351</p> <p>First Named Applicant: Yuval Offek</p> <p>Attorney Docket Number: EMC2-042PUS</p> <p>Art Unit: 2182</p> <p>Examiner: Mike Nguyen</p> <p>Search string: (4977556).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4977556</td><td>1991-12-11</td><td>Noguchi</td><td></td><td>370</td><td>69</td></tr></tbody></table> <p>Signature</p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4977556	1991-12-11	Noguchi		370	69	Examiner Name	Date		
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